

What is claimed is:

1. Apparatus for installing a workpiece at a location underneath a surface comprising:

an elongate track member having a first end positionable proximate said surface and a second end positionable distal said surface;

a carriage mounted on said track member for reciprocal movement therealong;

a hammer assembly mounted on said carriage and having a hammer head reciprocally movable relative to said carriage in a direction toward and away from said first end of said track member;

an operator to effect reciprocation of said hammer head; and

an actuator to compressively urge said carriage toward said first end of said track member.

2. The apparatus of Claim 1 wherein said hammer head is percussively operated.

3. The apparatus of Claim 1 wherein said hammer assembly comprises a hydraulic hammer.

4. The apparatus of Claim 1 wherein said hammer assembly includes a housing and said housing is keyed to said carriage.

5. The apparatus of Claim 1 wherein said actuator is a hydraulic actuator.

6. The apparatus of Claim 5, wherein said actuator comprises at least one hydraulic cylinder/piston assembly, one of said cylinder or said piston rod being
5 attached to said carriage, the other of said cylinder or said piston rod being attached to said track member.

7. The apparatus of Claim 1 includes a support attached to said track member to hold said track member in a predetermined position.

8. The apparatus of Claim 7, wherein said support is operable to vary the
10 attitude of said track member relative to said surface.

9. The apparatus of Claim 1, wherein said first end of said track member is attached to a footer.

10. The apparatus of Claim 9, wherein said track member is pivotable relative to said footer.